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Attorney Docket No. 5721-5**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re: Cupp *et al.* Group Art Unit: 1632
Appl. No.: 09/036,113 Examiner: To be Assigned
Filed: March 6, 1998
For: *Antithrombin Protein and DNA Sequences*

March 22, 1999

Assistant Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Prior to examination of the above-referenced application, the Examiner is respectfully requested to enter the following amendments.

IN THE CLAIMS

Please add the following new claims:

18. A composition comprising a substantially purified protein having the amino acid sequence given in SEQ ID NO: 2, and a pharmaceutical carrier.

19. The composition of claim *18*, wherein said protein is produced by recombinant methods.

20. A pharmaceutical composition comprising a substantially purified protein having anti-thrombin activity, wherein said protein is isolated from the salivary glands of a species of the order Nematocera and a pharmaceutical carrier.

21. The pharmaceutical composition of claim *20*, wherein said protein comprises the amino acid sequence given in SEQ ID NO: 2.--